

Among the additions of the past year worthy of special notice are the following, for which we are indebted to members of the Section :—four remittances from Baron F. von Müller of Melbourne, Australia, through Mr. Meehan, containing 471 species of Australian plants, of which 310 are new to the collection, 52 of them representing new genera :—a collection made by Dr. Palmer in the Mexican State of Jalisco, in 1886, embracing 510 species, of which one-half were new to us :—and a first instalment of the plants collected by N. N. Rusby in Chili, Bolivia and Brazil in 1885 and 1886, consisting of about 450 species. Most of the latter are yet undetermined except as to genus, but it is estimated that about one-half are new to us, many of them being yet undescribed.

The time and labor required for the proper care of the new additions and for their incorporation into the Herbarium, have somewhat retarded the work of mounting the North American portion of it, nevertheless material progress has been made. All of the Polypetalous and Monopetalous orders are now mounted and some portions of the remainder, leaving less than one-fourth of the work yet unaccomplished. In all the work that has been performed, the Conservator has been greatly aided by the efficient services of Mr. Isaac Burk.

In order to provide space for the Martin collection of Fungi, it became absolutely necessary to make some disposal of a large amount of duplicate plants, which had been gradually accumulating through a long period of years, many of them of considerable value, others in bad condition. These by vote of the Section, have been sent to Bryn Mawr College on terms believed to be mutually advantageous, and the proceeds will be used for the increase of the Herbarium.

A complete list of the additions accompanies this report, and will appear in its proper place, under the head of "Additions to the Museum."

Respectfully submitted,

JOHN. H. REDFIELD,

Conservator.

REPORT OF THE MINERALOGICAL AND GEOLOGICAL SECTION.

The Mineralogical and Geological Section would respectfully report to the Academy, that a number of meetings have been held

during the year, but that owing to absence of members and other causes, the attendance and interest has not been as great as in former years, nor have the additions to the collections been as large, excepting those to the Vaux collection.

It would also report that the officers elected for the ensuing year, are as follows :

<i>Director,</i>	.	.	.	.	.	.	Theo. D. Rand.
<i>Vice-Director,</i>	.	.	.	.	.	.	W. W. Jefferis.
<i>Recorder and Secretary,</i>	.	.	.	.	.	.	Charles Sc��ffer.
<i>Treasurer,</i>	.	.	.	.	.	.	John Ford.
<i>Conservator,</i>	.	.	.	.	.	.	W. W. Jefferis.

Respectfully submitted,

THEO. D. RAND,

Director.

CHAS. SCHAFFER,

Recorder.

REPORT OF THE PROFESSOR OF INVERTEBRATE PALEONTOLOGY.

The Professor of Invertebrate Paleontology respectfully reports that during the year he has conducted a course of practical instruction in geology and paleontology, the course comprising some twenty-five lectures in the class-room and nine field demonstrations. The attendance in the lecture-room was about forty, and in the field thirty or more. Much good work was done in the field, the two excursions to the marl diggings in the southern part of New Jersey, adding considerably to our knowledge of the Tertiary fauna of the State. Thirty species not hitherto recorded had been identified, and three new forms determined. The existence of the Newer Miocene deposits had also been determined by one of the members of the class, Mr. Lewis Woolman, who has published a paper on the subject in the Proceedings of the Academy. The undersigned has likewise prepared a paper upon the New Jersey Miocene fauna, giving a complete list of the Miocene Molluscan species known to date. The excursion supplementary to the general course, extended over a period of nineteen days, comprising the region between the Delaware Water Gap and the Catskill Mts., and was participated in by fifteen students.